

GRANT SUMMARY

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Use the tab and arrow keys to move through the form. If field is not applicable, please put N/A in field.

Date filled out: March 12, 2007

Grant Information: Please use complete phrases/sentences. Fields will expand as you type.

1. **Grant Agreement Number:** 06-301-559-0

2. **Project Title:** Assessment of Nutrient and Sediment Reduction BMPs in the Santa Margarita Watershed.

3. **Project Purpose - Problem Being Addressed:** designing, implementing, and assessing Best Management Practices (BMP)s to reduce the discharge of nutrients and/or sediment from agricultural operations to the Santa Margarita River (SMR). The BMPs to be demonstrated include altered/optimized irrigation and fertilization practices and vegetation/compost buffer strips.

4. **Project Goals**

a. **Short-term Goals:** (1) Determine the optimal irrigation rates and fertilizer type(s) and application rates for compost-based BMPs in avocado groves and nurseries. (2) Optimize nutrient and sediment reduction with vegetation/ compost buffers. (3) Conduct technology transfer to the stakeholders and growers. (4) Project a positive environmental response to the potential nutrient and sediment reduction.

b. **Long-term Goals:** Reduce nutrient inputs from agricultural operations and nurseries to the SMR watershed

5. **Project Location:** (lat/longs, watershed, etc.) Two locations in the Santa Margarita Watershed: (1) Santa Margarita Ecological Reserve (SMER) at the end of Stage Coach Lane near Fallbrook (Lat. 33.43348; Long. -117.19312) and (2) private nursery in SMR Watershed (Lat. 33.43205; Long. -117.32302).

a. **Physical Size of Project:** (miles, acres, sq. ft., etc.) the site at SMER is 0.07 square miles and the private nursery site is 0.10 square miles

b. **Counties Included in the Project:** San Diego

c. **Legislative Districts:** (Assembly and Senate) Both sites are in the Assembly District 66 and State Senate District 38

6. **Which SWRCB program is funding this grant?** Please *X* box that applies.

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Prop 13

X Prop 40

X Prop 50

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EPA 319(h)

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Other

Grant Contact: Refers to Grant Project Director.

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Grant Time Frame: Refers to the implementation period of the grant.

From: December 30, 2006

To: March 1, 2009

Project Partner Information: Name all agencies/groups involved with project. San Diego State University Foundation; Mission Resource Conservation District

1) **Nutrient and Sediment Load Reduction Projection:** (If applicable) If determined feasible and implemented on a large scale by growers, a potential 20-50% reduction in nutrients and sediment.

Please provide a hard copy to your Grant Manager and an electronic copy to your Program Analyst for SWRCB website posting. All applicable fields are mandatory. Incomplete forms will be returned.